

AAPER ALCOHOL AND CHEMICAL CO. -- ISOPROPANOL 99% -- 6810-00-822-7637

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Product Identification  
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Product ID:ISOPROPANOL 99%

MSDS Date:01/01/1991

FSC:6810

NIIN:00-822-7637

MSDS Number: BSRZJ

=== Responsible Party ===

Company Name:AAPER ALCOHOL AND CHEMICAL CO.

Address:11 ISAAC SHELBY DRIVE

Box:339

City:SHELBYVILLE

State:KY

ZIP:40065

Country:US

Info Phone Num:502-633-0650

Emergency Phone Nu

m:800-854-6813 /POISON CONTROL CTR/

CAGE:61305

=== Contractor Identification ===

Company Name:AAPER ALCOHOL AND CHEMICAL CO

Address:1101 ISAAC SHELBY DR

Box:339

City:SHELBYVILLE

State:KY

ZIP:40066-0339

Country:US

Phone:502-633-0650

CAGE:61305

Company Name:APCCO CHEMICAL CO

Box:808

City:LANCASTER

State:CA

ZIP:93584-0808

Country:US

Phone:805-726-2590

CAGE:0YGW8

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Composition/Information on Ingredients  
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT805

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Fraction by Wt: 99%+

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9394

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS.

Effects of Overexposure:INHALATION- HEADACHE, NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, POSSIBLE UNCONSCIOUSNESS, AN

D EVEN ASPHYXIATION. INGESTION- CAN CAUSE

NAUSEA, VOMITING, DIARRHEA, AND GAST ROINTESTINAL IRRITATION. EYES- LIQUID ORVAPOR MAY CAUSE IRRITATION, BLURRED VISION, AND REDNESS.

SKIN- DERMATITIS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:INGESTION- IF CONSCIOUS, GIVE WATER. CALL A PHYSICIAN OR CHEMTREC (POISON CONTROL) IMMEDIATELY. INDUCE VOMITING ONLY IF ADVISED BY PHYSIC

IAN OR CHEMTREC (POISON CONTOL). INHALATION-

IMMEDIATELY MOVE V ICTIM TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. EYES OR SKIN- IMMEDIATELY FLUSH AFFECTED AREA WITH PLENTY OF COOL WATER. GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:53.0F,11.7C

Autoignition Temp:Autoignition Temp Text:685F

Lower Limits:2.5

Upper Limits:12.0

Extinguishing Media:

DRY CHEMICAL, "ALCOHOL" FOAM OR CARBON DIOXIDE.

WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROTECT PERSONNEL.

Unusual Fire/Explosion Hazard:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE-PRESSURE MODE WITH A FULL FACE PIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE.

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===== Accidental Release Measures =====

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Spill Release Procedures:WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA. DETERMINE IF THE RELEASE IS RE PORTABLE.

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Handling and Storage

Handling and Storage Precautions:PROTECT CONTAINER AGAINST PHYSICAL DAMAGE. DETACHED OR OUTSIDE STORAGE IS PREFERRED. INSIDE STORAGE SHOULD BE IN NFPA-A  
PPROVED FLAMMABLE LIQUID AREA.  
Other Precautions:AVOID UNCONTROLLED RELEASES OF THIS MATERIAL.

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Exposure Controls/Personal Protection

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATORY PROTECTION EQUIPMENT. RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND CONCENTRATION OF CONTAMINANT IN AIR AND IN ACCORDANCE WITH OSHA.  
Ventilation:HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.  
Protective Gloves:IMPERVIOUS GLOVES.  
Eye Protection:SAFETY GLASSES O  
R GOGGLES.  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
SMOKING SHOULD BE PROHIBITED IN STORAGE AREAS. AUTOMATIC SPRINKLER SYSTEM SHOULD BE PROVIDED IN THE STORAGE AREA. KEEP CLOSURE ON CONTAINER TO PREVENT LEAKAGE.

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Physical/Chemical Properties

HCC:F2  
Boiling Pt:B.P. Text:180F,82C  
Melt/Freeze Pt:M.P/F.P Text:-173F,-114C  
Vapor Pres:33 MM HG  
Vapor D  
ensity:2.0  
Spec Gravity:0.784  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR AND COLORLESS.

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Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES  
OXIDIZING AGENTS.  
Stability Condition to Avoid:HIGH TEMPERATURES AND OPEN FLAMES.  
Hazardous Decomposition Products:SMOKE, FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS.

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Disposal Considerations

Waste Disposal Methods:ALL RECOVERED MATERIAL SH

OULD BE PACKAGED,  
LABELED, TRANSPORTED AND DISPOSED OF, OR RECLAIMED IN CONFORMANCE  
WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD  
ENGINEERING PRACTICES.

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